

ABSTRACT OF THE DISCLOSURE

A chuck assembly includes a housing formed with an hydraulic fluid inlet, a sleeve mounted in the housing and formed with an annular groove, a shaft
5 mounted rotatably in the sleeve and formed with a first fluid passage, a chuck unit mounted in the shaft, a piston subdividing a chamber between the chuck unit and the shaft into first and second compartments, and an annular elastic sealing member disposed in the
10 annular groove and formed with a second fluid passage for passage of a hydraulic fluid from a supply through the hydraulic fluid inlet and the first fluid passage to the first compartment.